

CLAIMS:

Having thus described the invention, what is claimed and desired to be secured by Letters Patent is:

1. A four channel replication system comprising:

a transmitter unit at a first vehicle, said transmitter unit including a signal interface for receiving at least one of a plurality of signals indicating a right turn, a left turn, brake application and lights on, a microcontroller operatively connected to said signal interface for receiving at least one signal and converting the signal to a digital representation, and a transmitter/receiver operatively connected to said microcontroller for at least transmitting one digital signal;

a receiver unit on a second vehicle, said receiver unit including a receiver/transmitter for receiving the digital signal, a microcontroller operatively connected to said receiver/transmitter for decoding said digital signal, for determining whether the digital signal is from the first vehicle or is a signal from a vehicle other than the first vehicle, and for transmitting a command signal if and only if the signal is from the first vehicle;

a lighting device responsive to the command signal from said microcontroller and indicating visually the decoded command

2. The system of Claim 1 wherein the lighting device comprises the second vehicle running lights.

3. The device of Claim 1 wherein the light device is an independent light bar mounted to the second vehicle.

4. The device of Claim 1 wherein the first vehicle transmitter has a unique control command associated with it.

5. The device of Claim 4 wherein the receiver at the second vehicle includes a program design to accept signals from an appropriate transmitter of the first vehicle.

6. The device of Claim 5 wherein at least four different signals are received and transmitted between vehicles.

7. The device of Claim 6 wherein the second vehicle also transmits command status to the first vehicle.

8. The device of Claim 6 further including a source of power associated with said second vehicle.